

CS 212 – Fall 2020 – Project 4

Assigned: 28 November 2020
Due: 9 December 2020
Cutoff: 9 December 2020 (midnight; no exceptions)

Use a TreeMap to Sort the Words

The project should work the same as project 3, opening a chosen file and displaying the unsorted Words on the left and the sorted Words on the right. For this project do not use the arraylist to sort the Words, but rather use a TreeMap (adapt the code from the PowerPoint on Maps).

Create an Edit Menu in your GUI

Add a second menu to the GUI called *Edit* which will have one menu item called *Search*. Clicking on search should prompt the user using a JOptionPane input dialog to enter a Word.

The program should then use a JOptionPane message dialog to tell if the word is in the TreeMap or not. You will need to write a second menu handler called *EditMenuHandler*.

Create a jar file called **Project4.jar** containing the **source** code for all the necessary classes and submit that to Blackboard by the due date for full credit.